Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1 (currently amended): A method for displaying connection information in a network topology display, the method using a system including a processor coupled to a display screen, the method comprising

obtaining connection information about a first node interconnected with a second node;

displaying the first node on the display screen;

displaying the second node on the display screen;

if there is a single connection between the nodes then displaying a first connection endpoint symbol on the display screen adjacent to both the first and second nodes;

if there are multiple connections between the nodes then displaying a second connection endpoint symbol on the display screen adjacent to both the first and second nodes, wherein the second endpoint symbol differs from the first connection endpoint symbol and is configured to indicate existence of the multiple connections at the nodes; and

displaying a connector between the endpoint symbols.

Claim 2 (original): The method of claim 1, wherein the first connection endpoint symbol comprises line end segments, wherein a first line end segment is adjacent to the first node and a second line end segment is adjacent to the second node.

Claim 3 (canceled)

Claim 4 (currently amended): The method of claim [[3]] 1, wherein the second endpoint symbol includes a two-pronged fork.

Claims 5-6 (canceled)

Claim 7 (original): The method of claim 1, wherein one or more of the connection endpoint symbols includes a numeric indication of the number of connections.

Claim 8 (original): The method of claim 1, the computer system further comprising a user input device, the method further comprising

accepting a signal from the user input device to indicate that the user has selected he second connection endpoint type displayed on the display screen; and

displaying an indication of the number of connections represented by the selected second connection endpoint type.

Claim 9 (original): The method of claim 7, wherein the step of displaying an indication includes a substep of

displaying a text description of the number of connections.

Claim 10 (original): The method of claim 8, wherein the text is displayed in a pop-up box.

Claim 11 (original): The method of claim 1, wherein the multiple connections include redundant connections.

Claim 12 (original): The method of claim 1, wherein the multiple connections include separate channels.

Claim 13 (original): The method of claim 1, wherein the multiple connections include discrete physical connections.

Claim 14 (currently amended): An apparatus for displaying connection information, the apparatus comprising

a processor coupled to a display screen;

a data source coupled to the processor for providing connection information about a first node interconnected with a second node;

one or more node display processes for displaying the first and second nodes on the display screen;

a processing device for determining a number of connections between the first and second nodes based on the connection information;

one or more connection display processes for displaying a first connection endpoint symbol on the display screen adjacent to both the first and second nodes if there is a single connection between the nodes based on the determined number of connections, and for displaying a second connection endpoint symbol on the display screen adjacent to both the

first and second nodes if there are more than one connections between the nodes based on the determined number of connections, wherein the second endpoint symbol comprises a single icon configured to indicate the determined number of connections is at least two.

Claim 15 (currently amended): A computer-readable medium including instructions for execution in a system including a processor coupled to a display screen, the instructions comprising

obtaining connection information about a first node interconnected with a second node;

displaying the first node on the display screen;

displaying the second node on the display screen;

if there is a single connection between the nodes then performing the step of displaying a first connection endpoint symbol on the display screen adjacent to both the first and second nodes;

if there are multiple connections between the nodes then performing the step of displaying a second connection endpoint symbol on the display screen adjacent to both the first and second nodes, wherein the second connection endpoint symbol differs from the first connection endpoint symbol and is configured to indicate existence of the multiple connections at the nodes.

Claim 16 (currently amended): A method for displaying connection information in a network topology display, the method using a system including a processor coupled to a display screen and user input device, the method comprising the following steps performed by the processor

displaying a connection between first and second nodes on the display screen,

wherein the displayed connection corresponds to multiple connections between the nodes;

accepting signals from the user input device to indicate that the user has selected the connection; and

in response to the ~~step of~~ accepting signals, ~~performing the step of~~ displaying additional information about the connection on the display screen[[.]] ;

wherein the displaying additional information includes displaying a number indicating a quantity of the multiple connections between the nodes.

Claim 17 (canceled)

Claim 18 (currently amended): The method of claim 15, wherein the user input device is used to control the position of a pointer displayed on the screen, wherein the ~~step of~~ accepting signals includes ~~the substep of~~ determining that the pointer has been moved near the connection.

Claim 19 (currently amended): A computer readable medium including instructions for execution in a system including a processor coupled to a display screen, the instructions comprising

displaying a connection between first and second nodes on the display screen, wherein the displayed connection corresponds to multiple connections between the nodes, and wherein the displayed connection comprises a line segment extending between the nodes and a connection endpoint symbol at each end of the line segment adjacent the nodes, the connection endpoint symbols each comprising an icon indicating the multiple connections but not including a physical symbol for each of the multiple connections;

accepting signals from the user input device to indicate that the user has selected the connection; and

in response to the step of accepting signals, performing the step of displaying additional information about the connection on the display screen.